

[PREVIEW SYSTEM OF A DIGITAL CAMERA]

Abstract

A preview system for a digital camera is provided. The preview system comprises an image capture apparatus, an image signal processor and a display device. The image capture apparatus detects from an actual photographic object to generate a first image signal. The image signal processor corrects the first image signal to generate a second image signal. The corrected second image signal is transmitted to the display device to provide a preview image. This invention discloses a simple image processor circuit. In addition, a less expensive and power-consuming multiple gray scale super-twisted nematic liquid crystal display (STN-LCD) instead of a color thin-film transistor liquid crystal display (TFT-LCD). Thus, the digital camera can operate for an extended period of time and an optical viewfinder can be omitted to reduce the size and the cost of the digital camera.